



# **CONFIGURATION MANAGEMENT WORKING GROUP MAWG BRIEF**

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Branch Head

SEA 04L52

4 MAR 2003

# 22 October 02 MAWG

## Recap

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- CM Working Group
  - 3 Action Items Closed  
(Validation/Audits, CM Metrics and ERP updates (FLSIC))
  - 3 Open Action Items
    - AI 18JUL02-05 (COTS)
    - AI 18JUL02-01 (NETC 3M/CM Training)
    - AI 18JUL02-04 (SYSCOMs holding CDMs/ISEAs accountable)

# AI 18JUL02-05

## Background

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- Maritime Allowance Working Group (MAWG) - Fleet Issues
  - CM Subcommittee
    - COTS System/Equipment Supportability Action **AI 18JUL02-05** -Identify COTS Systems lacking adequate allowance products (i.e. APL, COSAL, Parts, budgets, etc...)
    - NAVSEA COTS Steering Board id'd as resource to address systemic issues/trends

# Fleet Issue

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- Lack of COTS Training/Education in Fleet
- GOAL: Ensure Fleet understands the nature of COTS (expectations at shipboard level)
  - COTS Policy/Procedures
  - Maintenance philosophy
  - ILS Documentation
  - Communication at delivery
- RECOMMENDED SOLUTION:
  - CNET-Available COTS Training for Fleet
  - Extend invitation for Fleet participation at CSB hosted COTS Workshops

# Fleet Issue

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- COTS Technology changes
  - Configuration Changes-APL not updated to reflect changes
  - ILS Certification Sheets do not match products delivered
  - Incorrect or Incomplete ILS products=Readiness/Financial Impacts
- GOAL: Ensure ILS Products and Documentation support Installed Configuration
- RECOMMENDED SOLUTION: Ensure Navy process to capture changing configuration includes COTS and associated ILS

# Things to Consider

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- Create awareness-Improve Communication at waterfront
  - COTS install-what Fleet should/should not expect to get to support equipment
- Based on Fleet input, revisit COTS policy and handbook
- Need CSB support to work Fleet COTS issues
- Fleet provided COTS examples will be staffed to applicable Program Office for resolution
  - *How well are we doing business in communication between Fleet and respective Program Offices?*

# CSB Meeting Nov 02

## Results

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- Recognized need for COTS education across SYSCOMs and across Fleet
  - CSB encourages Fleet participation
- COTS Team (SEA 04L52 Lead)
  - Determine methodology for data collection
  - ***How big is BIG?***
  - Specific examples of COTS equipment with logistics support issues (RMMCO, TYCOM)
  - Root cause (CM/provisioning issue, education, policy, etc...)

# Bottom Line

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## COTS challenges

- No simple answer
- Acquisition Reform promoted COTS use
- Multiple variables in managing COTS
- COTS C4I has 18 month technology refresh timeframe
- Acceleration of alterations/installations
  - **“ILS Waiver” process requires more discipline**
- FMP...Deltas in baseline after D-24

## Working Group focus

- *Determine how big is BIG?*
- *Investigate standard mechanism to track changing COTS configuration/associated logistics products*
- *Ensure BPR for ERP migration addresses COTS issues*



# Follow-up CSB Meeting

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- CSB held 29 Jan 03
  - Maintain COTS visibility via MAWG and FLSIC
  - CSB concurred with method for COTS Supportability analysis
  - Today solicit MAWG concurrence on methodology
  - Report '*how big is Big?*' results to CSB
- SOLE/Crane co-sponsored COTS Workshop held 19-21 Feb 03 (presentations are available on COTS website)
  - <https://cots.navsea.navy.mil>

*Anchor Desk at [www.anchordesk.navy.mil](http://www.anchordesk.navy.mil)*

# COTS Supportability Analysis

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Task: To determine if alteration installs with COTS are accomplished without requisite ILS products and to determine the magnitude of the deficiency

## Roles/Source

- Management (CDR Tim Wilkins)
- Task Lead (Ed Chergoski, Jane Zimmerman)
- Data Extracts (Jodie Baker)
- Detailed Research (Andy Ogletree, LT Rozzell, Jodie Baker)
- Primary Source of Data: NDE
  - Avail schedules
  - Planned alteration installs
  - COTS within alt package
  - Deficient COTS ILS/Waivers

# Analysis Steps

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- Extract ship availabilities CY 2002
  - Norfolk VA
  - Pearl Harbor HI
  - San Diego CA
- Purge avails with completion date >31 DEC 02 and avails listed multiple times
- Extract all alterations accomplished during CY 2002
  - Software excluded
  - MACHALTs excluded
  - 3000-series ORDALTs excluded (AEGIS Software with no-COTS)

# Analysis Steps (Cont.)

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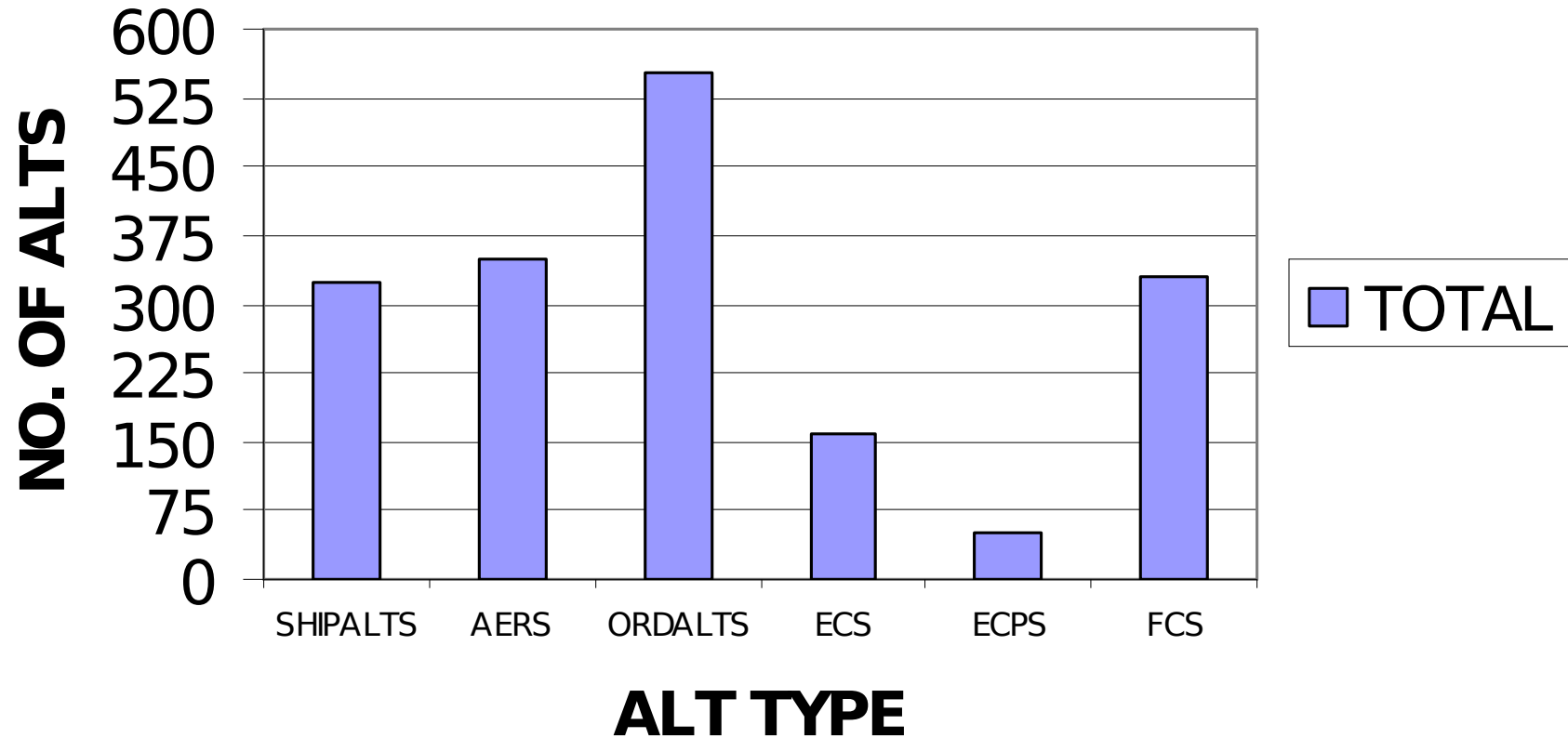
- Compare Availability and Alt reports for ships scheduled for availabilities
- Determine % of alts containing COTS
  - Determine if accomplished Alts containing COTS were ILS certified or waived
- For alts containing COTS, research NSA EOA Reports and RMMCO EOI Reports to ID ILS product deficiencies (% of alts containing COTS with problems)
- Based on findings, determine scope of COTS problem and perform trend analysis

# **COTS Supportability Analysis Status (as of 27 Feb 03)**

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- Identified 973 scheduled Availabilities ending in CY 2002
  - Pearl Harbor (23)
  - San Diego (367)
  - Norfolk (583)
- Identified all CY 2002 scheduled alterations in three geographical locations
  - SHIPALTs=324 (includes K-Alts and D-Alts)
  - AERs=350
  - ORDALTs=551 (excludes 3000-series)
  - ECs=158
  - ECPs=50
  - FCs=331

# COTS Supportability Analysis Baseline



# **COTS Supportability Analysis Status (as of 27 Feb 03)**

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- SHIPALTs=324
  - Of 324, 80 are Ordnance/Electronics
  - 244 were non-Ordnance/Electronics
  - Of the 80, 23 are non-COTS
  - 57 SHIPALT's remain for analysis
- AERs=350
  - Of 350, 54 are Ordnance/Electronics
  - 296 were non-Ordnance/Electronics
  - Of the 54, 54 remain for analysis

# **COTS Supportability Analysis Status (as of 27 Feb 03)**

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- ECs=158
  - Of 158, 124 are Ordnance/Electronics
  - 34 were non-Ordnance/Electronics
  - Of the 124 Ordnance/Electronics, 30 are non-COTS
  - 94 EC's remain for analysis
- ECPs=50
  - Of 50, 4 are Ordnance/Electronics
  - 46 are non-Ordnance/Electronics
  - Of the 4 Ordnance/Electronics, 3 are non-COTS
  - 1 ECP remains for analysis



# **COTS Supportability Analysis Status (as of 27 Feb 03)**

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- FCs=331
  - Of 331, 302 are Ordnance/Electronics
  - 29 were non-Ordnance/Electronics
  - Of the 302 Ordnance/Electronics, 51 are non-COTS
  - 251 EC's remain for analysis
- ORDALTs=551 (excludes 3000 series)
  - Of 551, All ORDALTs are Ordnance/Electronics
  - Of 409 Reviewed, 8 are COTS
    - All 8 are 100% ILS Supported
  - 142 ORDALTs remain for analysis

# AI 18JUL02-01

- Action: SEA 04L work with NETC/Fleet to promote Sr Enlisted CM/3M training.
- Action Item Lead: SEA 04L5, Bill Ferguson/Dale Hirschman (CFFC N43)
  - Pat Metheny (CSL), CDR Mike Johnson (CO-ILO), Del Donovan (CNAL), Linda Durham (SEA 04L533)
- Status:
  - SEA 04L5 CM Instructor at NSCS Athens, GA (CM process flow training including ~~4790CK development and ASI processing~~)
  - Script written for ASI processing CBT
    - TYCOM/FTC provided feedback...changes incorporated
  - SEA 04L5 funds direct Fleet support reps to provide CM training to Sr Enlisted at waterfront
  - 3M Manual currently under re-write by SEA 04R
    - Ready for signature once CFFC concurrence received
  - 3MC training with specific sailor tasks for FTC/NETC pilot held Feb 03 (Course covers SCLSIS process, CM reporting, Database reconciliation, etc)
    - Pilot successful with participation from CNSL, CNAL, CSL and ATG
    - CFFC (MMC Schwartz) estimates final 3MC Training Course-April 03

*Recommend close Action Item*

# New Action AI 30SEP102-01, 02

~~(resulting from AI 18JUL02 01)~~

- Action: *Investigate whether 3MC reference manual exists, and if not, pursue development of critical information reference handbook for 3MCs onboard. Afloat curriculum training must include critical paths for 3-M process in quick easy reference manual for sailors to have once they complete ashore training. (AI 30SEPT02-01)*
- Status: **Per CFFC, Bill Ferguson, 3MC ref manual will be fleet defined and generated (Closed Action)**

# AI 18JUL02-01 Update (since 22 October MAWC)

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- Action: Investigate with SEA 04L2 whether any CM/3MC Training for the PXO, PCO pipeline exists today, and if not, establish plan for curriculum development. (AI 30SEPT02-02)
- Status: CNSL sponsored “Maintenance University” (MU) for PXO/PCO 3M Training
  - Meet twice/month in Norfolk
  - Agreed to incorporate CM Training into curriculum
  - MU will be developing a 3MC Course in near future
  - CNSL will brief MU at FLSIC 5 Mar 03
- MU POCs: Bob Lindner, CNSL N432A/Andy LeBoeuf, AMSEC

***Recommend close Action***

# AI 18JUL02-01 Update (since 22 October MAWG)

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- Investigated SWOS Course in Newport, RI
  - Constrained by NETC/OPNAV N76 for adding new course material
- Many good 'Band-Aid' fixes in place
  - Real fix for Fleet Training will be the joint efforts made by the community...NETC lead with Fleet support!
    - Update, formalize and institutionalize 3M/CM Training
    - Need to QA course to ensure it meets Fleet needs

***Recommend close Action  
Item***

# AI 18JUL02-04

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- SYSCOMs holding CDMs/ISEAs accountable
  - ISEA “Trusted Agent” concept and current status to be briefed at FLSIC 5 Mar 03
- Interim MAWG Oct 02, CFFC N412 – Standardization of RMMCO policy throughout regions (Fleet Lead)



*Questions?*